

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	16	10/317,262	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 08:57
S2	7044	(375/229 or 375/230 or 375/231 or 375/232 or 375/233 or 375/234 or 375/235 or 375/236 or 326/39 or 708/300 or 708/316 or 708/305 or 708/322 or 708/323 or 333/18).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 11:42
S3	377	S2 and (multiplexer or select\$4 or switch\$4) with taps with coefficients	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 09:04
S4	3	S2 and (multiplexer or select\$4 or switch\$4) with taps with coefficients and (fractional adj spacing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 09:09
S5	10	S2 and (multiplexer or select\$4 or switch\$4) with taps with coefficients and (training adj pattern)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 09:14
S7	4	S2 and (multiplexer or select\$4 or switch\$4) with taps with (training adj pattern)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 09:14
S8	12	S2 and (multiplexer or select\$4 or switch\$4) same taps same coefficients same user	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 09:42

## EAST Search History

S9	66	S2 and (multiplexer or select\$4 or switch\$4) with (number near2 taps) and coefficients and training	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:39
S10	3	("2002024996").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 09:46
S11	2	("20020024996").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 09:49
S12	2	("6289047").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 09:49
S15	2	("5734598").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 10:18
S16	2	("6426972").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 10:18
S17	16	"1033851".	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:18

## EAST Search History

S19	70	S2 and (multiplexer or select\$4 or switch\$4) near2 (number near2 taps)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 10:54
S20	22	S2 and (multiplexer or select\$4 or switch\$4) near2 (number near2 taps) and user	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 11:38
S21	2	("20060067396").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 11:35
S22	2	("20050095988").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 11:35
S23	53	S2 and (multiplexer or select\$4 or switch\$4) with (number near2 taps) and (user\$1defined or user or pre\$1determined) with (adjust\$4 or adapt\$4 or algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 11:42
S24	7	S2 and (multiplexer or select\$4 or switch\$4) with (number near2 taps) with (user\$1defined or user or pre\$1determined) with (adjust\$4 or adapt\$4 or algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 11:43
S25	7318	(375/229 or 375/230 or 375/231 or 375/232 or 375/233 or 375/234 or 375/235 or 375/236 or 326/39 or 708/300 or 708/316 or 708/305 or 708/322 or 708/323 or 333/18 or 370/290 or 370/292).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 11:43

## EAST Search History

S26	8	S25 and (multiplexer or select\$4 or switch\$4) with (number near2 taps) with (user\$1defined or user or pre\$1determined) with (adjust\$4 or adapt\$4 or algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 11:44
S28	2	("5710792").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 11:48
S29	107	S25 and ((sampling point) with (multiplexer or select\$4 or switch\$4)) and (tap near2 (updat\$3 or select\$4 or switch\$4)) and coefficient and training	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 12:16
S30	4	S25 and ((sampling point) with (multiplexer or select\$4 or switch\$4)) and (tap near2 (updat\$3 or select\$4 or switch\$4)) and coefficient and (bit adj period)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 12:22
S31	2	("6965262").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 12:21
S33	8	S25 and ((sampling adj point) with (multiplexer or select\$4 or switch\$4)) and (tap near2 (updat\$3 or select\$4 or switch\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 12:27
S34	10	S25 and ((sampling near3 (location or point)) with (multiplexer or select\$4 or switch\$4)) and (tap near2 (updat\$3 or select\$4 or switch\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 12:29

## EAST Search History

S35	2	("5594676").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 12:38
S36	2	("6477199").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 12:39
S37	2	("5809074").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 13:08
S39	3	S25 and (select\$4 adj coefficient) same start\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 13:22
S40	2	("5835731").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 13:08
S41	2	("20040001541").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 13:08
S43	2	"0860962"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 13:25
S44	22	"860962"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 13:25
S45	14	S25 and ((select\$4 or pick\$4 or choos\$3) near3 (tap or coefficient) and ((start\$3 or begin\$4) with user))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 13:26

## EAST Search History

S46	2	("6178201").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 13:31
S47	2	("6961373").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 13:32
S48	4	S25 and ((tap near2 number) with (choos\$4 or pick\$4 or multiplexer or select\$4 or switch\$4)) same ((predetermined or user or user\$1defined) with (start\$3 or start\$1up or begin\$4)) and algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 13:45
S49	11	S25 and ((tap near2 number) with (choos\$4 or pick\$4 or multiplexer or select\$4 or switch\$4)) same (start\$3 or start\$1up or begin\$4) and algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 13:47
S50	63	S25 and ((tap near2 number) near4 (choos\$4 or pick\$4 or multiplexer or select\$4 or switch\$4)) and algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 14:18
S51	2	("4773034").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 14:18
S53	2	("4727534").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 14:50

## EAST Search History

S54	2	("4710891").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 14:51
S55	1	S25 and (manual adj coefficient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 14:51
S56	14	S25 and (manual\$3 near4 coefficient)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 14:52
S61	27	S25 and ((manual\$3 or user\$1defined or pre\$1defined or pre\$1determined) near4 (tap near2 number)) same (choos\$4 or pick\$4 or multiplexer or select\$4 or switch\$4 or MUX)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:13
S62	6	S25 and ((tap or fractional or integer) adj spacing) with (choos\$4 or pick\$4 or multiplexer or select\$4 or switch\$4 or MUX)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:22
S63	2	("4899366").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 15:22
S64	10	S25 and ((tap or fractional or integer) adj spacing) with (choos\$4 or pick\$4 or multiplexer or compar\$4 or select\$4 or switch\$4 or MUX)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:30

## EAST Search History

S65	2	S25 and ((tap or fractional or integer) adj spacing) with (symbol adj period)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:32
S70	2	("6314133").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 15:36
S71	2	("7042935").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 15:44
S73	2	("7058148").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 15:52
S74	2	("5018166").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 15:54
S75	2	("5644595").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 15:54
S77	7	S25 and (algorithm same (sampl\$3 near4 (position or location)) same (choos\$4 or pick\$4 or compar\$4 or MUX or multiplexer or select\$4 or switch\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 16:02



## EAST Search History

S78	4	S25 and (algorithm and (sampl\$3 adj (point or instant) near2 (position or location)) same (choos\$4 or pick\$4 or compar\$4 or MUX or multiplexer or select\$4 or switch\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 16:03
S80	2	S25 and algorithm and (((manual or user) near3 sampl\$3) same (choos\$4 or pick\$4 or compar\$4 or MUX or multiplexer or select\$4 or switch\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 16:11
S81	2	("4789994").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 16:15
S82	2	("20040268190").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 16:16
S83	2	("5917856").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/14 16:16

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	("5293405").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 06:42
L3	2	("4555789").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 06:43
L4	7329	(375/229 or 375/230 or 375/231 or 375/232 or 375/233 or 375/234 or 375/235 or 375/236 or 326/39 or 708/300 or 708/316 or 708/305 or 708/322 or 708/323 or 333/18 or 370/290 or 370/292).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 06:44
L5	650	L4 and ((manual or human or user) near2 (control\$3 or adjust\$4 or program\$4 or sett\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 06:45
L6	3	L4 and (((manual or human or user) near2 (control\$3 or adjust\$4 or program\$4 or sett\$4)) with sampling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 06:47
L8	4	L4 and (((manual or human or user) near2 (control\$3 or adjust\$4 or program\$4 or sett\$4)) with algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 06:48
L9	2	("6940898").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/16 07:25

## EAST Search History

S1	7329	(375/229 or 375/230 or 375/231 or 375/232 or 375/233 or 375/234 or 375/235 or 375/236 or 326/39 or 708/300 or 708/316 or 708/305 or 708/322 or 708/323 or 333/18 or 370/290 or 370/292).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 10:10
S2	2	("7039330").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 06:33
S3	2	("6885791").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 06:38
S4	2	("20030095592").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 06:41
S5	2	("20050111540").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 06:47
S6	2	("5999355").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 06:47
S7	8	S1 and ((tap adj spacing) with (MUX or multiplexer or select\$3 or choos\$3 or pick\$3 or switch\$4 or compar\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 06:57

## EAST Search History

S8	2	("4899366").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 06:52
S9	2	("5309484").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 06:52
S10	30	S1 and ((tap adj spacing) same (MUX or multiplexer or select\$3 or choos\$3 or pick\$3 or switch\$4 or compar\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 07:11
S12	20	S1 and ((adaptiv\$3) same (manual\$3) same (MUX or multiplexer or select\$3 or choos\$3 or pick\$3 or switch\$4 or compar\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 07:24
S13	87	S1 and ((adaptiv\$3 or automatic or algorithm) same (manual\$3) same (MUX or multiplexer or select\$3 or choos\$3 or pick\$3 or switch\$4 or compar\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 07:05
S14	2	S1 and ((adaptiv\$3 or automatic or algorithm) same (manual\$3) same (tap adj spacing) same (MUX or multiplexer or select\$3 or choos\$3 or pick\$3 or switch\$4 or compar\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 07:06
S17	2	S1 and (((adjust\$3 or chang\$4) near2 (tap adj spacing)) and (MUX or multiplexer or select\$3 or choos\$3 or pick\$3 or switch\$4 or compar\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 07:12

## EAST Search History

S19	1	equaliz\$5 and ((adaptiv\$3 or automatic or algorithm) same (manual\$3) same (sampling near4 (position or location)) same (MUX or multiplexer or select\$3 or choos\$3 or pick\$3 or switch\$4 or compar\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 07:24
S23	3	(symbol near2 spacing) same (fractional adj spacing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 07:36
S25	2	("6944244").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 08:59
S26	2	("6856648").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 09:00
S27	2	("6671244").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 09:01
S28	2	("20040196896").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 09:02
S29	128	S1 and (((over\$1sampling or sampling) adj (ratio or rate)) with (MUX or multiplexer or select\$3 or choos\$3 or pick\$3 or switch\$4 or compar\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 09:06

## EAST Search History

S30	2	("5621769").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 09:05
S31	1	S29 and manual	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 09:05
S32	111	S1 and (((over\$1sampling or sampling) adj (ratio or rate)) with (MUX or multiplexer or select\$3 or choos\$3 or pick\$3 or switch\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 09:06
S33	110	S1 and (((over\$1sampling or sampling) adj (ratio or rate)) with (MUX or multiplexer or select\$3 or switch\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 09:08
S34	9	S1 and (((over\$1sampling or sampling) adj (ratio or rate)) adj (MUX or multiplexer or select\$3 or switch\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 09:16
S35	2	("6856648").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 09:29
S36	6	(adaptive adj equaliz\$5) with (sampling near4 (select\$4 or multiplexer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 09:36

## EAST Search History

S37	29	"860962"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 09:36
S38	8	"0860962"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 09:57
S39	2	("20040196896").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 09:59
S40	2	("6907096").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 09:59
S41	2	("5760609").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 10:10
S42	2	("6198304").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 10:11
S43	2	("5650954").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 10:12

## EAST Search History

S44	2	("5757220").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 10:12
S45	4	("4434438").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 10:12
S46	2	("4539536").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 10:13
S47	2	("5949710").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 10:13
S48	2	("5898630").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 10:14
S49	2	("5805516").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 10:14
S50	2	("5740110").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 11:28



## EAST Search History

S51	2	("6396872").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 12:07
S52	2	("6940898").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 12:07
S54	2	("6778599").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 12:15
S56	2	("4773034").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 14:03
S57	2	("6178201").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 14:36
S58	2	("6693958").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 15:09
S59	2	("20020027952").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 15:46

## EAST Search History

S60	2	("4730343").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 15:46
S62	2	("4768205").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 16:01
S63	2	("6662302").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 16:01
S65	2	("6275836").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 16:14
S66	2	("6819514").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 16:19
S67	2	("5867486").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 16:20
S68	2	("5218560").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 16:20

## EAST Search History

S69	2	("5745564").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/15 16:21
S70	16	((programmable adj logic adj device) or PLD) with (sampl\$3 near4 (switch\$3 or MUX or multiplexer or select\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 16:53
S71	23	(adaptive adj equaliz\$5) with (sampl\$3 near4 (switch\$3 or MUX or multiplexer or select\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 16:29
S72	19	(adaptive adj equaliz\$5) with (sampl\$3 near4 (MUX or multiplexer or select\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 16:29
S73	42	(adaptive adj equaliz\$5) same (sampl\$3 near4 (MUX or multiplexer or select\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 16:29
S74	72	(adaptive adj equaliz\$5) and ((predetermin\$3 or pre\$1defin\$3 or set or assign\$3 or program\$4 or user or human) same (comput\$3 or calculat\$3 or algorithm or estimat\$4) same (sampl\$3 near4 (MUX or multiplexer or select\$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 16:32
S75	161	(adaptive adj equaliz\$5) and ((predetermin\$3 or pre\$1defin\$3 or set or assign\$3 or program\$4 or user or human) same (comput\$3 or calculat\$3 or algorithm or estimat\$4) same (sampl\$3 with (MUX or multiplexer or select\$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 16:32

## EAST Search History

S76	7329	(375/229 or 375/230 or 375/231 or 375/232 or 375/233 or 375/234 or 375/235 or 375/236 or 326/39 or 708/300 or 708/316 or 708/305 or 708/322 or 708/323 or 333/18 or 370/290 or 370/292).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 16:32
S77	149	S76 and ((predetermin\$3 or pre\$1defin\$3 or set or assign\$3 or program\$4 or user or human) same (comput\$3 or calculat\$3 or algorithm or estimat\$4) same (sampl\$3 with (MUX or multiplexer or select\$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 16:39
S78	50	S76 and ((predetermin\$3 or pre\$1defin\$3 or set or assign\$3 or program\$4 or user or human) with (comput\$3 or calculat\$3 or algorithm or estimat\$4) with (sampl\$3 with (MUX or multiplexer or select\$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 16:42
S80	3	((programmable adj logic adj device) or PLD) with ((manual or user) near2 sampling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 17:03
S82	3	((programmable adj logic adj device) or PLD) with ((manual or user) near3 sampling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 17:03
S83	3	((programmable adj logic adj device) or PLD) with ((manual or user) near5 sampling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 17:04
S84	3	((programmable adj logic adj device) or PLD) with ((manual or user) near9 sampling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 17:04

## EAST Search History

S85	6	((programmable adj logic adj device) or PLD) same ((manual or user) near9 sampling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 17:28
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